

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 02/01397

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 12/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04N, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0105109 A1 (TELEFONAKTIEBOLAGET LM ERICSSON), 18 January 2001 (18.01.01), page 1, line 17 - page 5, line 24; page 6, line 25 - page 7, line 25; page 8, line 7 - page 10, line 30, page 12, line 14 - page 13, line 17; fig 2,6; claims 1-23; abstract	1-6,8-10
Y	page 1, line 17 - page 5, line 24; page 6, line 25 - page 7, line 25; page 8, line 7-page 10, line 30;page 12, line 14-page 13, line 17; fig 2,6; claims 1-23, abstract	7
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		<input checked="" type="checkbox"/> See patent family annex.	
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>			
Date of the actual completion of the international search 1 October 2002		Date of mailing of the international search report 06-11-2002	
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86		Authorized officer Nils Nordin/EK Telephone No. +46 8 782 25 00	

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0064110 A1 (NOKIA NETWORKS OY), 26 October 2000 (26.10.00), page 3, line 1 - page 4, line 31, figure 1, claims 1-4, abstract	1,2,8,9
Y	page 3, line 1 - page 4, line 31, figure 1, claims 1-4, abstract --	7
Y	WO 0154364 A1 (THE PHONE PAGES OF SWEDEN AB), 26 July 2001 (26.07.01), page 3, line 26 - page 12, line 20, abstract --	7
Y	EP 0869688 A2 (NOKIA MOBILE PHONES LTD), 7 October 1998 (07.10.98), column 1, line 1 - column 4, line 20, figure 2, claim 1, abstract --	7
A	IEEE Xplore "An architecture for residential Internet telephony service" Huitema, C; et al IEEE Internet Computing May-June 1999 Vol 3 Issue 3 See the whole document --	1-10
A	EP 1041808 A2 (MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS INC), 4 October 2000 (04.10.00), column 2, line 47 - column 4, line 17, figure 7, abstract -- -----	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

02/09/02

International application No.
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Patent document cited in search report				Publication date		Patent family member(s)	Publication date
WO	0105109	A1	18/01/01	AU	5665400	A	30/01/01
				AU	PQ156499	D	00/00/00
				CN	1360780	T	24/07/02
				EP	1192773	A	03/04/02
				AU	PQ162599	D	00/00/00
WO	0064110	A1	26/10/00	AU	4033099	A	02/11/00
				EP	1169827	A	09/01/02
				US	2002044634	A	18/04/02
WO	0154364	A1	26/07/01	AU	2898001	A	31/07/01
				AU	2899301	A	31/07/01
				AU	5896601	A	20/11/01
				AU	7048100	A	31/07/01
				SE	0001689	A	06/11/01
				US	2001027109	A	04/10/01
				WO	0154373	A	26/07/01
				WO	0186311	A	15/11/01
				AU	2897401	A	31/07/01
				AU	2898101	A	31/07/01
				AU	2899201	A	31/07/01
				SE	502971	E	18/05/01
				US	2002021696	A	21/02/02
				WO	0154372	A	26/07/01
				WO	0154421	A	26/07/01
				WO	0154440	A	26/07/01
				WO	0154441	A	26/07/01
EP	0869688	A2	07/10/98	FI	971386	A	05/10/98
EP	1041808	A2	04/10/00	JP	3170492	B	28/05/01
				JP	2000285043	A	13/10/00

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

2003 -11- 13

PCT

To:

Cegumark AB
Box 53047
400 14 Göteborg

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing (day/month/year)	12-11-2003
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Applicant's or agent's file reference P67 P10PCT	IMPORTANT NOTIFICATION
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International application No. PCT/SE02/01397	International filing date (day/month/year) 19-07-2002	Priority date (day/month/year) 15-08-2001
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Applicant The phone pages of Sweden AB et al	
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1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/ Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. 08-667 72 88	Authorized officer J. Willén Telephone No. 08-782 25 00
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P67 P10PCT	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)</div> </div>	
International application No. PCT/SE02/01397	International filing date (<i>day/month/year</i>) 19.07.2002	Priority date (<i>day/month/year</i>) 15.08.2001
International Patent Classification (IPC) or national classification and IPC ₇ H04L 12/66		
Applicant The Phone Pages of Sweden AB et al		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 18.02.2003	Date of completion of this report 27.10.2003
Name and mailing address of the IPEA/SE Patent- och registreringsverket Telex Box 5055 17978 S-102 42 STOCKHOLM PATOREG-S Facsimile No. 08-667 72 88	Authorized officer Stefan Hansson /OGU Telephone No. 08-782 25 00

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SE02/01397

I. Basis of the report**1. With regard to the elements of the international application:***

- ☒ the international application as originally filed
- ☐ the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement) under article 19
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the drawings:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheet/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2 (c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>3-7, 10</u>	YES
	Claims	<u>1, 2, 8, 9</u>	NO
Inventive step (IS)	Claims	<u>7</u>	YES
	Claims	<u>1-6, 8-10</u>	NO
Industrial applicability (IA)	Claims	<u>1-10</u>	YES
	Claims	<u></u>	NO

2. Citations and explanations (Rule 70.7)

The claimed invention

The claimed invention relates to a method and an apparatus, for exchange of information in a communication network.

The following documents were cited in the International Search Report:

D1: WO 0105109 A1

D2: WO 0064110 A1

D3: WO 0154364 A1

D4: EP 869688 A2

D5: IEEE "An architecture for residential Internet telephony service" Huitema, C; et al IEEE Internet Computing May-June 1999 Vol 3, Issue 3

D6: EP 1041808 A2

D1 relates to a method and a system for exchanging information between multimedia network nodes. The networks may be PLMN, PSTN or ISDN networks that are interconnected. When subscribers want to set up multimedia sessions with other nodes or subscribers in the same or a different network, several actions are taken. It has to be decided if the nodes/subscribers reside in the same network or in different networks. The nodes nodes/subscribers involved in the multimedia session must exchange capabilities to make sure that both nodes are able to take part in the session. A control message is sent from the first node to the second node, the control message containing capabilities information, see page 8 line 1 - page 10 line 31. The session may then involve audio, moving colour video pictures and/or data. If the two nodes involved in the session are located in different networks and are interconnected via a third network, the voice, video, data is transported in TFO frames.

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Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: BOX V.

D1 does not state that the sequence of events for setting up the multimedia session is initiated by the detection of a triggering event. However, it is understood that a terminal by requesting such a session performs the triggering event. Consequently, the claimed invention as in claims 1-6, 9 and 10 is not considered to involve an inventive step.

D2 relates to a method for delivering messages in a communication network consisting of at least one terminal and a messaging functionality. When a message is received for a terminal by the messaging functionality, the messaging functionality sends a notification about the presence of the message to the terminal. The terminal decides due to its capabilities and current user profile how to handle the received message, replies to the notification instructing the messaging functionality how to handle the message. Consequently, the claimed invention as in claims 1, 2, 8 and 9 is not novel.

D3-D6 are considered to merely relate to the state of the art and are not commented on further.